

# ZOOLOGY: PRE-VETERINARY SCIENCES, BS

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

| Course  | Title  | Hours     |
|---|--|-----------|
| <b>Freshman</b>                                   |  |           |
| <b>Fall</b>                                       |  |           |
| First Year Seminar                                |  | 1         |
| BIOL 1113 & BIOL 1111                             | Introductory Biology (N) and Introductory Biology Laboratory (LN)  | 4         |
| MATH 1813   | Preparation for Calculus (A)   | 3         |
| General Education courses                         |  | 7         |
| <b>Hours</b>                                      |  | <b>15</b> |
| <b>Spring</b>                                     |  |           |
| BIOL 1604   | Animal Biology   | 4         |
| CHEM 1314   | Chemistry I (LN)   | 4         |
| General Education courses                         |  | 7         |
| <b>Hours</b>                                      |  | <b>15</b> |
| <b>Sophomore</b>                                  |  |           |
| <b>Fall</b>                                       |  |           |
| CHEM 1515   | Chemistry II (LN)  | 5         |
| MICR 2123 & MICR 2132                             | Introduction to Microbiology and Introduction to Microbiology Laboratory   | 5         |
| General Education or Elective courses             |  | 5         |
| <b>Hours</b>                                      |  | <b>15</b> |
| <b>Spring</b>                                     |  |           |
| ANSI 3543   | Principles of Animal Nutrition   | 3         |
| CHEM 3053 or CHEM 3013 and CHEM 3012              | Organic Chemistry I or Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory                          | 5         |
| PHYS 1114   | College Physics I (LN)   | 4         |
| General Education or Elective courses             |  | 3         |
| <b>Hours</b>                                      |  | <b>15</b> |
| <b>Junior</b>                                     |  |           |
| <b>Fall</b>                                       |  |           |
| BIOL 3114 or CHEM 3153 and CHEM 3112              | Vertebrate Zoology or Organic Chemistry II and Organic Chemistry Laboratory  | 4         |
| PHYS 1214   | College Physics II (LN)  | 4         |
| Major or Elective courses                         |  | 7         |
| <b>Hours</b>                                      |  | <b>15</b> |
| <b>Spring</b>                                     |  |           |
| BIOC 3653   | Survey of Biochemistry   | 3         |
| BIOL 3034 or BIOL 3104                            | General Ecology or Invertebrate Zoology  | 4         |
| BIOL 4700 or BIOL 4710 or BIOL 4730               | Undergraduate Research Problems or Internships in Integrative Biology or Collaborative Research in Integrative Biology | 1         |
| Choose an upper division Biology class with a lab |  | 4         |
| General Education or Supplemental courses         |  | 3         |
| <b>Hours</b>                                      |  | <b>15</b> |

### Senior

#### Fall

|   |  |   |
|---|--|---|
| BIOL 3023   | General Genetics                                       | 3 |
| BIOL 3114   | Vertebrate Zoology (If taking CHEM 3153 and CHEM 3112) | 4 |
| BIOL 4104 or BIOL 3034                            | General Parasitology or General Ecology                | 4 |
| General Education, Major, or Supplemental courses |  | 4 |

**Hours** **15**

#### Spring

|   |            |   |
|---|------------|---|
| BIOL 3204   | Physiology | 4 |
| BIOL 4133   | Evolution  | 3 |
| General Education, Major, or Supplemental courses (Suggest ENGL 3323) |            | 8 |

**Hours** **15**

**Total Hours** **120**

### 1

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.